

LX.—*Descriptions of some new Species of Syntomidæ and Arctiadæ from Tropical South America.* By HERBERT DRUCE, F.L.S. &c.

Fam. Syntomidæ.

Mesother endoleuca, sp. n.

Male.—Head, antennæ, collar, tegulæ, thorax, abdomen, and legs black; abdomen with two greyish-blue lines from the base to the anus. Primaries and secondaries hyaline; costal margin, apex, outer and inner margins, and veins all black; the apex of the secondaries edged with black.—*Female* the same as the male, but with simple antennæ.

Expanse 1 inch.

Hab. Venezuela, Caura Valley (*T. M. Klages, Mus. Druce*).

Mesother Ockendeni, sp. n.

Male.—Head, antennæ, and palpi black, front of head white; collar, tegulæ, thorax, and abdomen orange-yellow; a black spot at the base of the thorax and one on each segment, the anal segment black; underside of the thorax and legs black. Primaries and secondaries hyaline, the veins all black, the apex broadly black, the outer and inner margins edged with black; the apex of the secondaries black.—*Female* identical with the male.

Expanse $1\frac{3}{4}$ inch.

Hab. S.E. Peru, Santo Domingo, 6000 feet (*Mus. Druce*).

Cosmosoma anoxanthia, sp. n.

Male.—Head metallic blue; antennæ black, tipped with white; the front of the thorax orange, spotted with metallic blue; the tegulæ orange; thorax and abdomen black, the base of the thorax and sides of the abdomen spotted with bright metallic blue; legs black. Primaries hyaline, the apex and a band crossing the wing from the end of the cell to the anal angle black, veins black: secondaries hyaline, broadly edged with black. Underside as above.

Expanse $1\frac{1}{4}$ inch.

Hab. Venezuela, Corosita, Caura Valley (*T. M. Klages, Mus. Druce*).

Cosmosoma apennina, sp. n.

Male.—Head, antennæ, and palpi black; collar and tegulæ

yellow, thorax black; abdomen yellow, banded with black; anus and legs black. Primaries hyaline, the apex black; a wide yellow hyaline band crosses the wing between the end of the cell and the apex: secondaries hyaline, the apex black.—*Female* identical with the male.

Expanse 1 inch.

Hab. S.E. Peru, Santo Domingo, 6000 feet (*Mus. Druce*).

Argyrooides flavicincta, sp. n.

Male.—Head, antennæ, collar, tegulæ, thorax, and abdomen black, tegulæ edged with yellowish brown, abdomen banded with yellow on the upper and underside; legs black. Primaries and secondaries brownish hyaline, the costal, outer, and inner margins and veins black. The underside the same as the upperside.

Expanse 1 inch.

Hab. Venezuela, Caura Valley (*T. M. Klages, Mus. Druce*).

Hypocladia elongata, sp. n.

Male.—Head, tegulæ, and thorax brown, antennæ black, collar yellow; abdomen yellow at the base, the sides and underside bright red; a wide brown band down the middle from the base to the apex, spotted with darker brown on each side of the band. Primaries dark brown, the veins light brown; a large brownish-white spot beyond the cell crossing the wing from the costal almost to the outer margin; a greyish-white streak at the base of the cell and two small greyish spots near the middle: secondaries hyaline white, the apex, outer and inner margins bordered with dark brown. Underside: primaries brownish black, the light markings much more distinct: secondaries same as above.—*Female* almost identical with the male, but with simple antennæ.

Expanse $1\frac{3}{4}$ inch.

Hab. Venezuela, Caura Valley (*T. M. Klages, Mus. Druce*).

Hypocladia albipuncta, sp. n.

Female.—Head, antennæ, tegulæ, and thorax brown; collar red; abdomen dark brown, with a wide red band on each side extending from the base to the anus; legs brown. Primaries brown; three white spots beyond the cell, the third quite small; a white dot on the inner margin nearest the base: secondaries white, broadly bordered with brown from the apex to the inner margin. Underside as above.

Expanse $1\frac{1}{2}$ inch.

Hab. S.E. Peru, Santo Domingo, 6000 feet (*Mus. Druce*).

Diptilon proleuca, sp. n.

Male.—Head, antennæ, palpi, tegulæ, thorax, and legs black; abdomen black, the two segments at the base yellowish white. Primaries yellowish hyaline, the veins and margins black: secondaries black, with a few yellowish-white hairs on the inner margin.

Expanse 1 inch.

Hab. Venezuela, Corosita, Caura Valley (*T. M. Klages, Mus. Druce*).

Urolasia albipuncta, sp. n.

Male.—Head, antennæ, palpi, tegulæ, and thorax blue-black, the front of the head white; abdomen blue-black, the base, a row of small spots down the middle, and two rows on the underside all white; legs black. Primaries yellowish hyaline, the veins, apex, outer and inner margins black: secondaries hyaline, the apex black.

Expanse $1\frac{1}{4}$ inch.

Hab. Venezuela, Corosita, Caura Valley (*T. M. Klages, Mus. Druce*).

Ceramidia chloroplegia, sp. n.

Male.—Head, antennæ, collar, tegulæ, and thorax black, the collar and tegulæ spotted with metallic green; abdomen metallic green, with two black bands (one on each side) extending from the base to the anus; the underside of the abdomen black, with a white line on each side. Primaries and secondaries black, shot with dark green.

Expanse $1\frac{1}{2}$ inch.

Hab. Venezuela, Corosita, Caura Valley (*T. M. Klages, Mus. Druce*).

Ixylasia pyroproctis, sp. n.

Male.—Head, antennæ, collar, tegulæ, and thorax black, the collar and tegulæ spotted with bluish white; the abdomen black, the anal segments brick-red, the base, the sides, and underside spotted with white; legs black. Primaries hyaline, the costal, outer, and inner margins and veins all black; a large square-shaped black spot at the end of the cell: secondaries hyaline, the apex and outer margin black; the veins black. Underside as above, excepting a small white streak on the costal margin of the secondaries.

Expanse $1\frac{3}{4}$ inch.

Hab. Venezuela, Caura Valley (*T. M. Klages, Mus. Druce*).

Neacerea pyrozona, sp. n.

Male.—Head, antennæ, collar, tegulæ, thorax, and abdomen black, the base of the thorax yellow, the fourth, fifth, and sixth segments of the abdomen bright red; the underside of the thorax and abdomen pink. Primaries blackish brown, the veins yellowish; a spot in the cell and four spots nearer the apex greyish white, in some specimens these spots are much more distinct than others: secondaries hyaline at the base, broadly bordered with black at the apex and round the outer margin. The underside of both wings much blacker than the upperside, and the greyish-white marking much more distinct.

Expanse $1\frac{1}{4}$ inch.

Hab. Venezuela, Corosita, Caura Valley (*T. M. Klages*, *Mus. Druce*).

Neacerea rhodocrypta, sp. n.

Male.—Head, palpi, antennæ, collar, tegulæ, and thorax greyish brown, the collar and tegulæ spotted with black; abdomen and legs black; the underside of the thorax and abdomen yellowish white. Primaries dark brown, spotted with greyish white in the cell and near the apex: secondaries hyaline, broadly bordered with black. The underside of both wings very similar to the upperside.—The *female* almost identical with the male.

Expanse $1\frac{1}{4}$ inch.

Hab. Venezuela, Corosita, Caura Valley (*T. M. Klages*, *Mus. Druce*).

Neacerea discalis, sp. n.

Male.—Head, antennæ, palpi, collar, tegulæ, thorax, abdomen, and legs all black, the tegulæ spotted with red at the base, the underside of the thorax and abdomen white. Primaries dusky hyaline, the veins, a large spot at the end of the cell, the apex, outer and inner margins black: secondaries hyaline, broadly edged with black.

Expanse $1\frac{1}{2}$ inch.

Hab. Venezuela, Corosita, Caura Valley (*T. M. Klages*, *Mus. Druce*).

Neacerea flaviceps, sp. n.

Male.—Head yellow; antennæ and palpi black, palpi yellow at the base; collar, tegulæ, thorax, and abdomen greyish black, underside of the abdomen yellow; legs greyish

black. Primaries brownish black; a semihyaline streak from the base partly along the inner margin; a white band crosses the wing beyond the cell from the costal to the outer margin: secondaries hyaline, broadly bordered with black, shot with dark blue. Underside very similar to the upper-side.

Expanse $1\frac{3}{4}$ inch.

Hab. Venezuela, Corosita, Caura Valley (T. M. Klages, Mus. Druce).

Heliura phaeosoma, sp. n.

Male.—Head, antennæ, palpi, collar, and tegulæ dark brown, the back of the head and collar reddish brown; abdomen black, white on the underside; legs black. Primaries brown; a white spot in the cell, a streak below the cell near the base, and four spots crossing the wing near the apex all semihyaline white; the veins all red: secondaries hyaline, broadly bordered with black, the veins black.

Expanse $1\frac{1}{2}$ inch.

Hab. Venezuela, Corosita, Caura Valley (T. M. Klages, Mus. Druce).

Heliura zonata, sp. n.

Male.—Head, antennæ, and palpi black, back of the head yellow; collar, tegulæ, and thorax grey, edged with black, the base of the thorax yellow; abdomen red, the underside reddish white; the anus and a line on each side of the abdomen black; legs black. Primaries yellowish white; a brown band crosses the wing close to the base; a wide brown band crosses the wing beyond the middle from the costal margin to the anal angle; the apex brown; the veins all brown: secondaries white, with the apex and outer margin dusky brown.

Expanse $1\frac{1}{4}$ inch.

Hab. Venezuela, Corosita, Caura Valley (T. M. Klages, Mus. Druce).

Eucereon atrigutta, sp. n.

Male.—Head, thorax, and tegulæ greyish white; antennæ black, collar red, tegulæ with black spot at the base; abdomen pinkish red, the anal segment black, underside yellowish white; legs blackish. Primaries greyish white, thickly spotted with black; a row of black spots crosses the wing beyond the cell from the costal margin to the apex; four or

five small black spots close to the apex and several along the outer and inner margins: secondaries white, the apex and outer margin black. Underside: primaries dark grey; a white spot in the cell and a row of small white dots beyond the cell, those close to the costal margin the largest: secondaries the same as above.—The *female* is identical with the male.

Expanse $1\frac{3}{10}$ inch.

Hab. Venezuela, Caura Valley (T. M. Klages, Mus. Druce).

Eucereon leprota, sp. n.

Female.—Antennæ blackish brown; head, collar, tegulæ, and front part of thorax greyish; base of the thorax and upperside of the abdomen to beyond the middle blackish brown; the sides and lower segments bright red, the anal segment black; the underside of the thorax and abdomen yellowish white; the legs greyish; a row of black dots on each side of the abdomen from the base to the anus. Primaries grey, the base, a round spot in the cell, a broken band at the end of the cell, and a row of spots near the apex all greyish brown; a series of small greyish-brown spots along the inner margin; a marginal row of small spots extends from the apex to the anal angle: secondaries greyish white, the apex and outer margin broadly bordered with greyish brown. Underside: primaries blackish brown, the pale markings more distinct than above; the secondaries the same as above.

Expanse $1\frac{1}{2}$ inch.

Hab. Venezuela, Caura Valley (T. M. Klages, Mus. Druce).

Correbia minima, sp. n.

Male.—Head, collar, and tegulæ yellowish brown; antennæ, thorax, and abdomen black; legs brownish black; the base of the abdomen on the underside yellowish brown. Primaries black; the base and a wide band crossing the wing from the costal margin to the anal angle pale yellowish brown; the fringe black: secondaries semihyaline black, darkest at the apex and round the outer margin. Underside very similar to the upperside, but the brown markings brighter in colour; secondaries with a small brownish-yellow spot on the costal margin.

Expanse 1 inch.

Hab. Venezuela, Caura Valley (T. M. Klages, Mus. Druce).

Hyaleucerea leucosticta, sp. n.

Male.—Head, palpi, antennæ, thorax, tegulæ, and abdomen black; two white spots at the back of the head and two large white spots on the thorax; the sides of the abdomen and a small spot on the anus white; legs black and white. Primaries black, greyish in the middle and near the apex: secondaries hyaline, broadly bordered with black from the apex to the anal angle.

Expanse $1\frac{3}{4}$ inch.

Hab. Venezuela, Corosita, Caura Valley (*T. M. Kluges, Mus. Druce*).

Fam. Arctiadae.

Ischnocampa deceptura, sp. n.

Male.—Head, antennæ, palpi, collar, tegulæ, thorax, abdomen, and legs brown. Primaries brown, thickly irrorated with minute black scales; a very indistinct submarginal band extends from the apex to the anal angle: secondaries yellowish white, slightly dusky at the apex.

Expanse $1\frac{1}{4}$ inch.

Hab. S.E. Peru, Santo Domingo, 6000 feet (*Mus. Druce*).

Ischnocampa flavicosta, sp. n.

Male.—Head yellow; antennæ and palpi black; collar, tegulæ, and thorax fawn-colour, the base of the tegulæ yellow; abdomen blackish brown, the underside yellow; legs brown. Primaries fawn-colour, the costal margin from the base to the apex yellow; a yellowish indistinct round spot at the end of the cell: secondaries semihyaline white, the costal margin and the apex edged with fawn-colour.

Expanse $1\frac{1}{4}$ inch.

Hab. S.E. Peru, Santo Domingo, 6000 feet (*Mus. Druce*).

Ischnocampa barbata, sp. n.

Male.—Head, antennæ, palpi, collar, tegulæ, and thorax pale grey-brown; abdomen and legs brown; anus yellow. Primaries pale greyish brown, with a darker brown band down the middle of the wing extending from the apex to the base; a small brown spot about the middle of the cell: secondaries greyish, clouded with darker brown at the apex.

Expanse $1\frac{3}{4}$ inch.

Hab. S.E. Peru, Santo Domingo, 6000 feet (*Mus. Druce*).

Metoxanthia threnodes, sp. n.

Male.—Head, antennæ, palpi, collar, tegulæ, thorax, abdomen, and legs black; underside of the thorax, base of the abdomen, and anus yellowish white. Primaries black, becoming hyaline from the end of the cell to the apex: secondaries hyaline, the apex and veins black.

Expanse 1 inch.

Hab. Venezuela, Corosita, Caura Valley (*T. M. Klages, Mus. Druce*).

Stidzæras strigifera, sp. n.

Male.—Head and collar chrome-yellow; two black dots on each side of the collar; antennæ, palpi, and thorax brown; abdomen yellow, banded with black near the anus; legs brown. Primaries pale brown, thickly striated with fine yellow lines: secondaries pale yellow, broadly bordered from the apex to the anal angle with blackish brown. The underside of the primaries dark brown, the secondaries similar to the upperside.

Expanse 2 inches.

Hab. Venezuela, Corosita, Caura Valley (*T. M. Klages, Mus. Druce*).

LXI.—*Descriptions of new Species of Sphegidæ and Ceropalidæ from the Khasia Hills, Assam.* By P. CAMERON.

[Concluded from p. 424.]

Anoplius palades, sp. n.

Black; the lower part of the front, clypeus, and face densely covered with silvery pubescence. Thorax, legs, and abdomen densely pruinose; the apical segment of the abdomen densely covered with long black hair. Wings hyaline; the radial, cubital, and the lower part from the top of the first recurrent nervure smoky; the first cubital cellule in front is about one third longer than the second; the first transverse cubital nervure roundly curved, the third almost straight and oblique, as is also the second; the first recurrent nervure received at the base of the apical third, the second shortly behind the middle of the cellule; the transverse basal nervure interstitial. Spines and calcaria black. ♀.

Length 9 mm.